

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	"5583680"	USPAT	OR	OFF	2009/03/19 17:44
L2	12	"5583680"	USPAT	OR	OFF	2009/03/19 17:44
L3	38	("3650603"   "3703331"   "3836243"   "4128313"). PN. OR ("4239345"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 17:44
L4	17	L3 and (pre-tilt\$3 or pretilt \$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 17:44
L5	7	(((((bistable or bi-stable) with ((bend and splay) or bend-splay)) or bbs) same ((liquid near2 crystal\$3) or LC)) and (pre-tilt\$3 or pretilt\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 17:44
L6	56	(((((bistable or bi-stable) with ((bend and splay) or bend-splay)) or bbs) same ((liquid near2 crystal\$3) or LC)) and (pre-tilt\$3 or pretilt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:44
L7	1	10/572,086	US-PGPUB; USPAT	OR	OFF	2009/03/19 17:44
L8	1	L7 and (dielectric near2 birefringence)	US-PGPUB; USPAT	OR	OFF	2009/03/19 17:45
L9	1	L7 and (dielectric near2 birefringence)	US-PGPUB; USPAT	OR	OFF	2009/03/19 17:45
L10	1	L7 and (positive near2 birefringence)	US-PGPUB; USPAT	OR	OFF	2009/03/19 17:45
L11	1	((Liquid near2 crystal) or lc) and ((pre-tilt\$3 or pretilt \$3) with angl\$3) and ((low near2 frequenc\$3) with bend\$3) and ((high near2 frequenc\$3) with splay\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:45
L12	1	((Liquid near2 crystal) or lc) and ((pre-tilt\$3 or pretilt \$3) with angl\$3) and ((low near2 frequenc\$3) with bend\$3) and ((high near2 frequenc\$3) with splay\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:45

L13	1	((Liquid near2 crystal) or lc or lcd) and ((pre-tilt\$3 or pretilt\$3) with angl\$3) and ((low near2 frequenc\$3) same bend\$3) and ((high near2 frequenc\$3) same splay\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:45
L14	9	((Liquid near2 crystal) or lc or lcd) and ((pre-tilt\$3 or pretilt\$3) with angl\$3) and ((low near2 frequenc\$3) same bend\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:45
L15	1	10/572,086	US-PGPUB; USPAT	OR	OFF	2009/03/19 17:45
L16	1	L15 and (low near2 frequenc\$3)	US-PGPUB; USPAT	OR	OFF	2009/03/19 17:45
L17	3228	((positive with (dielectric near2 anisotropy)) and (negative with (dielectric near2 anisotropy)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:45
L18	191	((positive with (dielectric near2 anisotropy)) same (low near2 frequenc\$3)) and ((negative with (dielectric near2 anisotropy))) same (high near2 frequenc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:45
L19	9	L18 and bend\$3 and splay\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:45
L20	272	((positive with (dielectric near2 anisotropy)) and (low near2 frequenc\$3)) and ((negative with (dielectric near2 anisotropy))) and (high near2 frequenc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:46
L21	232	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20) and @pd>"20080607"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:50

L27	1	((bistable or bi-stable) and ((liquid near2 crystal) or lc or lcd) and substrate and (conduct\$3 near2 layer) and (align\$4 near2 layer) and (pretilt\$3 or pre-tilt\$3) and (bend near2 state) and (splay near2 state) and switch\$4 and mixture and (vertical near2 align\$4) and (horizontal near2 align\$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 17:59
L28	1	((bistable or bi-stable) and ((liquid near2 crystal) or lc or lcd) and (conduct\$3 near2 layer) and (align\$4 near2 layer) and (pretilt\$3 or pre-tilt\$3) and (bend near2 state) and (splay near2 state) and switch\$4 and mixture and (vertical near2 align\$4) and (horizontal near2 align\$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 18:00
L29	1	((bistable or bi-stable) and ((liquid near2 crystal) or lc or lcd) and (conduct\$3 near2 layer) and (align\$4 near2 layer) and (pretilt\$3 or pre-tilt\$3) and (bend near2 state) and (splay near2 state) and switch\$4 and (vertical near2 align\$4) and (horizontal near2 align\$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 18:00
L30	1	((bistable or bi-stable) and ((liquid near2 crystal) or lc or lcd) and (conduct\$3 near2 layer) and (align\$4 near2 layer) and (pretilt\$3 or pre-tilt\$3) and (bend near2 state) and (splay near2 state) and (vertical near2 align\$4) and (horizontal near2 align\$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 18:00

L31	1	((bistable or bi-stable) and ((liquid near2 crystal) or lc or lcd) and (conduct\$3 near2 layer) and (align\$4 near2 layer) and (pretilt\$3 or pre-tilt\$3) and (vertical near2 align\$4) and (horizontal near2 align\$4)). elm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 18:00
S1	12	"5583680"	USPAT	OR	OFF	2008/05/27 11:07
S2	3	((("5583680") or ("4239345") or ("622605"))).PN.	USPAT	OR	OFF	2008/05/27 11:07
S3	38	("3650603"   "3703331"   "3836243"   "4128313"). PN. OR ("4239345"). URP.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/27 11:08
S4	17	S3 and (pre-tilt\$3 or pretilt \$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/27 11:10
S5	6	(((((bistable or bi-stable) with ((bend and splay) or bend-splay)) or bbs) same ((liquid near2 crystal\$3) or LC)) and (pre-tilt\$3 or pretilt\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/27 11:20
S6	44	(((((bistable or bi-stable) with ((bend and splay) or bend-splay)) or bbs) same ((liquid near2 crystal\$3) or LC)) and (pre-tilt\$3 or pretilt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/27 11:20
S7	3	((("5583680") or ("4239345") or ("622605"))).PN.	USPAT	OR	OFF	2008/06/02 12:56
S8	1	10/572,086	US-PGPUB; USPAT	OR	OFF	2008/06/05 13:38
S9	1	S8 and (dielectric near2 birefringence)	US-PGPUB; USPAT	OR	OFF	2008/06/05 13:39
S10	1	S8 and (positive near2 birefringence)	US-PGPUB; USPAT	OR	OFF	2008/06/05 13:40
S11	1	((Liquid near2 crystal) or lc) and ((pre-tilt\$3 or pretilt \$3) with angl\$3) and ((low near2 frequenc\$3) with bend\$3) and ((high near2 frequenc\$3) with splay\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/06 11:57

S12	1	((Liquid near2 crystal) or lc) and ((pre-tilt\$3 or pretilt\$3) with angl\$3) and ((low near2 frequenc\$3) same bend\$3) and ((high near2 frequenc\$3) same splay\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/06 11:58
S13	1	((Liquid near2 crystal) or lc or lcd) and ((pre-tilt\$3 or pretilt\$3) with angl\$3) and ((low near2 frequenc\$3) same bend\$3) and ((high near2 frequenc\$3) same splay\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/06 11:58
S14	9	((Liquid near2 crystal) or lc or lcd) and ((pre-tilt\$3 or pretilt\$3) with angl\$3) and ((low near2 frequenc\$3) same bend\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/06 11:59
S15	1	10/572,086	US-PGPUB; USPAT	OR	OFF	2008/06/07 07:47
S16	1	S15 and (low near2 frequenc\$3)	US-PGPUB; USPAT	OR	OFF	2008/06/07 07:48
S17	3017	((positive with (dielectric near2 anisotropy)) and ((negative with (dielectric near2 anisotropy)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 08:13
S18	182	((positive with (dielectric near2 anisotropy)) same (low near2 frequenc\$3)) and ((negative with (dielectric near2 anisotropy)) same (high near2 frequenc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 08:13
S19	9	S18 and bend\$3 and splay\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 08:14
S20	260	((positive with (dielectric near2 anisotropy)) and ((low near2 frequenc\$3)) and ((negative with (dielectric near2 anisotropy)) and ((high near2 frequenc\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 08:18

S21	196	S20 and @ad<"20031023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 08:19
S22	12	S21 and (pretilt\$3 or pre- tilt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 08:32

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